

FUB/IGS List of Posters**Location: FUB Geocampus Lankwitz: Haus G (ground floor), Monday-Tuesday, 13-14 June 2016**

posters can be posted as early as 12pm on 13 June 2016, and will stay up until the evening of 14 June 2016

First Name	Last Name	Talk title or topic
Janice	Scheffler	Evaluation of the new EMAC-SWIFT chemistry climate model
Tobias	Spiegl	Potential impacts of a future Grand Solar Minimum on decadal regional climate change and interannual hemispherical climate variability
Harry	Becker	The science behind the TRR170 'Late Accretion onto Terrestrial Planets'
Harry	Becker	The graduate program of the TRR170 'Late Accretion onto Terrestrial Planets'
Catrin	Gellhorn	Radiative and dynamical temperature changes in the middle atmosphere in a future climate
Lena	Kritten	Retrieval of water inherent optical properties from ocean colour satellite data using optimal estimation
Thomas	Ruhtz	Cloud optical thickness and droplet size distribution with airborne hyperspectral instruments
Jürgen Fischer	& Thomas Ruhtz	Remote sensing instrumentation
Carsten	Dinske	Statistical analysis and modeling of seismicity related to the exploitation of geothermal energy (double sized poster)
Carsten	Dinske	2nd poster right next to his already registered poster
M. Mishmastnef	& Ralf Milke	Pyrotechnological production of artificial millstones in Iran: New approach to heating-cooling regime estimation of melted calcareous clay structures
Götze Lutz	& Ralf Milke	In-situ monitoring of mineral reactions using synchrotron X-ray diffraction
S. Incel	& Ralf Milke	Kinetic fractionation in the reaction olivine + quartz = orthopyroxene with variously doped forsterite
S. Schwidessen	& Ralf Milke	Reactions between mantle xenoliths and trachyandesite host melt from Pigroot, New Zealand
S. Mazumdar	& Ralf Milke	Ohre rift related volcanism in Silesia (Poland): Insights from mineral micro-chemistry
Philip	Groß	A new geological map of the Skutari-Pec normal fault and surroundings, northern Albania: Evidence of orogen-parallel extension
Carolin	Rabethge	Depositional environment of ferruginous sediment in the Moodies Group, Barberton Greenstone Belt, South Africa
Saskia Bläsing	& Marc Grund	Petrography and structural geology of the westernmost Dycedale Syncline (Barberton Greenstone Belt, South Africa): Implications for Archean tectonics and depositional environments
Jan	Pleuger	The Canavese fault
Jan	Pleuger	Preliminary results of K-ar dating of clay fault gouges from the Sava and Idrija faults (Slovenia) and the Ribnovo fault (Bulgaria)
Jan	Pleuger	Exhumation of high-temperature metamorphic rocks of the Starcevo unit (Rhodopes, Bulgaria)
Patrick	McGuire	True- and false-color HRSC+OMEGA image mosaics of Mars
Patrick	McGuire	(Semi-)global hybrid HRSC+OMEGA image mosaics of Mars
Patrick	McGuire	Mapping minerals on Mars with MRO/CRISM: Atmospheric, thermal, and photometric correction for MRDR map tiles and comparison to Mex/OMEGA
Patrick	McGuire	The Cyborg Astrobiologist: Image compression for geological mapping and novelty detection
Patrick	McGuire	Simulating the response of ocean sediment methane hydrates to climate change
Patrick	McGuire	Extraction of valley networks in Mars elevation maps
Christoph Gross	& Patrick McGuire	The Cyborg Astrobiologist: Testing a novelty detection algorithm at the Mars Desert Research Station (MDRS), Utah
Rene	Gunder	Microstructural Analysis of Cu ₂ ZnSnSe ₄ Thin Films by GIXRD

Rene	Gunder	Compositional and structural characterization of $\text{Cu}_2\text{ZnGeSe}_4$ Compound Semiconductors
Philipp	Hoelzmann	A new device to mount portable energy dispersive X-ray fluorescence spectrometers (p-ED-XRF) for semi-continuous analyses of split (sediment) cores and solid samples
Philipp	Hoelzmann	Crater palaeolakes in the Tibesti mountains (Central Sahara, North Chad): New insights into past Saharan climates
Michael	Spies	Transformations of irrigation agriculture in the high mountains of Nagar, northern Pakistan
Huiwen	Zhang	Cooling effects of waterfront greenspace in different spatial patterns on urban microclimate
Stefan	Schütte	Pastoralism, power & politics: Multiple insecurities of pastoralists in Northern Afghanistan
Stefan	Schütte	Barriers to industrial development in Afghanistan: The case of the sugar factory in Baghlan
Jonas	Folesky	Rupture complexities of fluid induced microseismic events at the Basel EGS project
Moritz	Liesegang	Photonic structures in natural amorphous silica: Sedimentation and replacement
Ron	Hagensieker	Mapping Deforestation in Pará (Brazil) Using A Multi-Sensoral Time-Series And Expert Knowledge
Fabien	Magri	Sensitivity analysis of hydraulic and thermal parameters inducing anomalous heat flow in the Lower Yarmouk Gorge
Andrey	Mitusov	Mercury's surface: General observation by methods of geomorphometry
Florian	Tornow	Identification of geophysical parameters for top-of-atmosphere short-wave clear-sky radiance-to-flux conversion
Esther	Schwarzenbach	Chemical gradients and progressive veining in a partly serpentinized harzburgite
Jacob	Hardt	The Frankfurt phase: Geomorphological and geochronological investigations to reassess a "classical" ice marginal position in NE Germany
Theresa	Frommen	Water-sediment interactions: Column design for ammonium adsorption/desorption experiments
Johannes	Rosentreter	Sub-pixel mapping of urban surfaces using EnMAP data & machine learning algorithms
Kristin	Fenske	TBD
Martina	Menneken	Zircon as a recorder of geological history: Preliminary results from Zircon Pb-Pb ages chemistry and inclusion data of granitoids from the Wilson Terrane of northern Victoria Land (Antarctica)
Ivo	Zeller	The use of interferometric data to increase accuracy of Brazilian rain forest land cover classification
Christiane	Stephan	The influence of sulfur on initial high-temperature corrosion of Fe-Cr model alloys
Lennart	Brüning	Student Geoscientific Society Berlin & Potsdam
Julia	Neukampf	Petrology & thermobarometry of alkaline differentiated magmas of Fogo (Cape Verde)
Florian	Turnow	Identification of geophysical parameters for top-of-atmosphere short-wave clear-sky radiance-to-flux conversion
Catrin	Gellhorn	Radiative and dynamical temperature changes in the middle atmosphere in a future climate